

# NEW BALANCE™

## pH ACIDIFIER/NONIONIC SURFACTANT



NEW BALANCE™ is a safe-to-use, citric-based pH acidifier and nonionic surfactant specifically designed to modify spray solution pH when breakdown from alkaline hydrolysis can reduce insecticide performance.

This is particularly important when organophosphate and carbamate insecticides are to be used such as guthion, parathion, malathion, carbaryl, and others.

Research indicates that water with a pH of 8.0–8.2 or higher will cause rather rapid degradation of these insecticides while in solution. Buffering effects occur while the insecticide is in the spray solution, from mixing, through storage in the tank and continues until the water has evaporated from the spray droplet lying on the leaf surface.

### WHAT MAKES IT BETTER:

- Improves coverage of the spray solution on leaf surfaces.
- Lowers the pH of the spray water to prevent alkaline hydrolysis.
- Formulated with antifoam to prevent foaming.

### USE RATES

Solution pH Before	Oz./100 gallons Solution	Solution pH After
8	0	8.0
8	8	5.7
8	16	4.5
8	24	4.0
8	32	3.6
8	40	3.4

### PACKAGING

- 4 x 1 gallons per case

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Specialized chemistries that enhance plants, seeds, soil and water.  
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